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Destruction Systems

(DESTRUCTION SYSTEMS AIR-FED INFLAMMATORS)

File

ED178B

1/20/60

LIST OF TOOLS

- 1 Open end wrench, 9/16 x 1/2-in
- 1 Pliers, regular
- 1 Pliers, long nose
- 3 Screw drivers, 4-in, 8-in, 10-in.
- 2 Adjustable wrenches (Crescent), 6-in, 10-in.
- 1 File
- 1 Ratchet for socket wrench
- 3 Deep sockets, 7/16-in, 1/2-in, 9/16-in.
- 2 Allen wrenches
- 1 Vise grip wrench
- 1 Slim taper punch
- 1 Center punch
- 1 Cold chisel
- 1 Steel rule - 8 ft.
- 1 Hammer, 16 oz ball pein
- 1 Tin snips
- 1 Copper tubing cutter
- 1 pr Tools for making flare fittings on tubing
- 2 "C" clamps

25X1

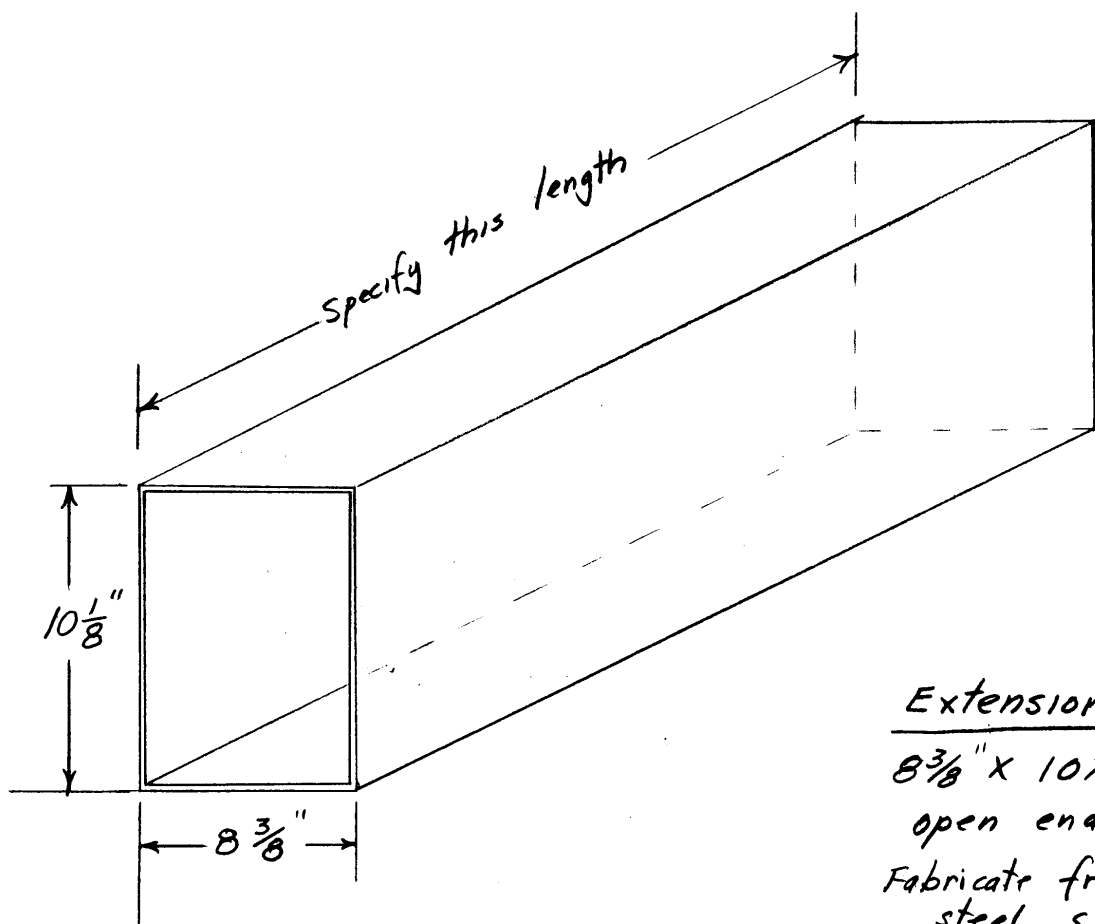
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LIST OF SPARE PARTS AND SUPPLIES

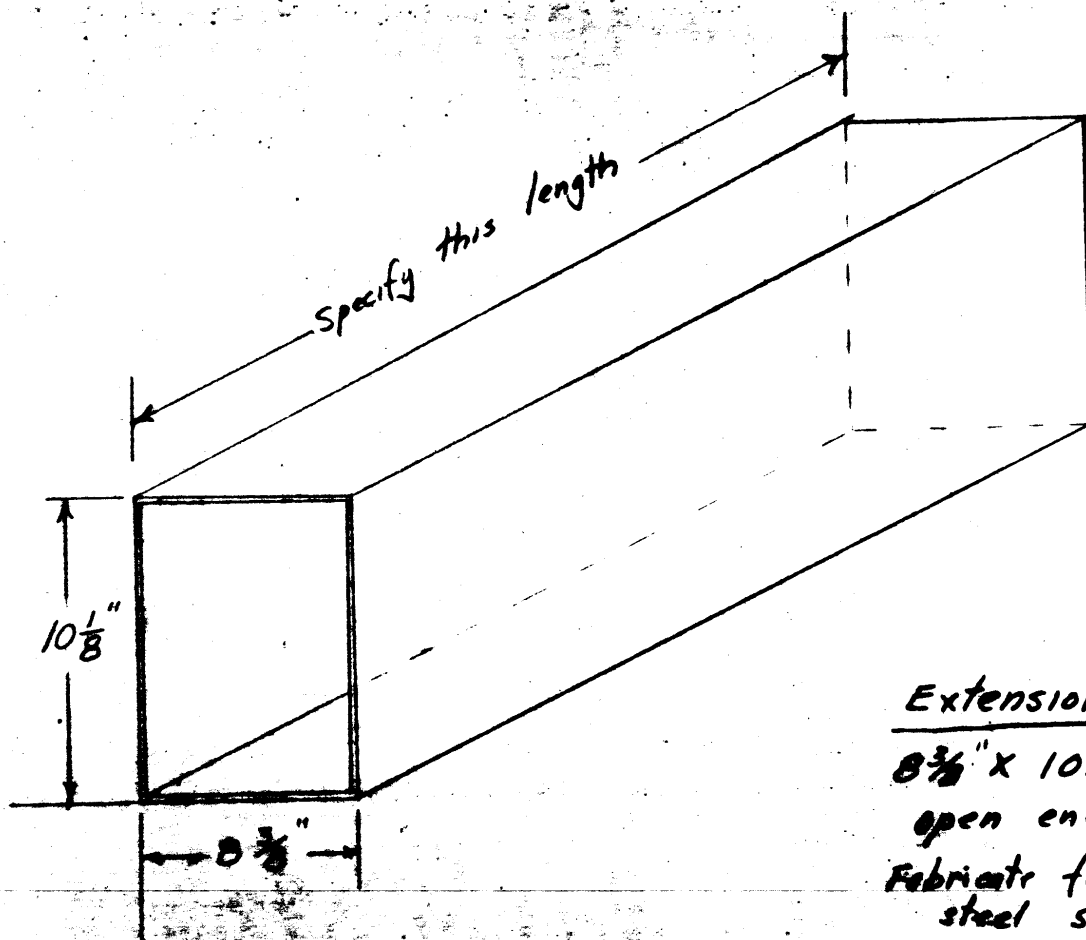
1. Spare grid
- 10 Spare wedges for grid fastener
- 2 Spare slotted tabs for grid
- 2 Spare pyrex glass discs for sight ports
- 1 Spare thermocouple and lead wire
- 1 Spare thermocouple terminal block
- 1 Spare "Sim-Ply-Tool" temperature indicator
- 10 ft Polyethylene tubing, 1/4-in for manometer
- 10 ft Red rubber tubing, 3/16-in I.D.
- 1 can Flake graphite for gasket surfaces
- 1 pc Soft asbestos sheet, 1/8-in, 3 ft x 5 ft
- 2 pr Spare gaskets for sight ports
- 1 can Furnace cement for joints in stack
- 3 Fusetron cartridge, 30 amp
- 3 Fusetron cartridge, 60 amp
- 1 Collar with set screw, 5/8-in I.D.
- 1 Funnel - 4-in
- 1 Spare V band clamp for flange
- 6 Spare nuts, 1/4-28, for bolts on V band
- CAP SCREWS AND HEX. NUTS (SPARE)
- 12 10-24 x 3/8-in for liner
- 12 5/16-18 x 1-in for 42-in flange
- 6 1/4-20 x 3/4-in for air damper
- 24 Sheet metal screws No. 7 x 3/8-in for radiation shield
- 24 Sheet metal screws No. 7 x 1/2-in for stack

-2-

50      Cotter pins, stainless steel, 1/8-in x 1-in  
 3      Spray cans of paint; Red, Grey, Silver  
 3 cans    Quart-size, Mobiloil - S.A.E. 30  
 2      Spare spark plugs, Champion D-16  
 2 pr    Workmen's gloves  
 2      Workmen's shop caps, size 7-1/8 and 7-1/4  
 1      Plastic bottle, 8-oz, filled with colored water, *for manometer*  
 1      Flashlight  
 2      Rolls of wire for general use  
 1      Ball of asbestos rope for gasket repair  
 1      Roll of aluminum foil  
 1      Piece of 1/8-in Neoprene sheeting for spare gasket on clean-out door  
 4      Pads of "Isomode" shock absorbing rubber  
 1      Spare Neoprene sleeve for blower connection  
 4      Spare clamps for above sleeve  
 8      Spare wooden blocks for sleeve and clamp  
 1      Spare piece 8-x 12-in of 1/16-in "Cranite" gasket material  
 1      Spare screw in fitting for pressure ~~top~~  
 1      Muffler, original part on gasoline engine  
 1      Instruction book for gasoline engine  
 1      Instruction sheet for greasing bearings on gas-engine blower  
 4      Steel blocks 1/2 x 1/2x 2-in (for under unit)  
 1      Circular piece of 1-in fiberglass, foil-backed, insulating material for under the unit  
 3      Pieces 2 ft x 8 ft of foil-backed, fiberglass insulating material, 1-in thick, for general use.  
 1      Roll 1/16-in Neoprene sheeting, 3 ft x 10 ft long for fabrication of longer air duct between blower and unit.  
 1      Quart can of cement for Neoprene  
 1      Paint brush 1-in wide for cement.



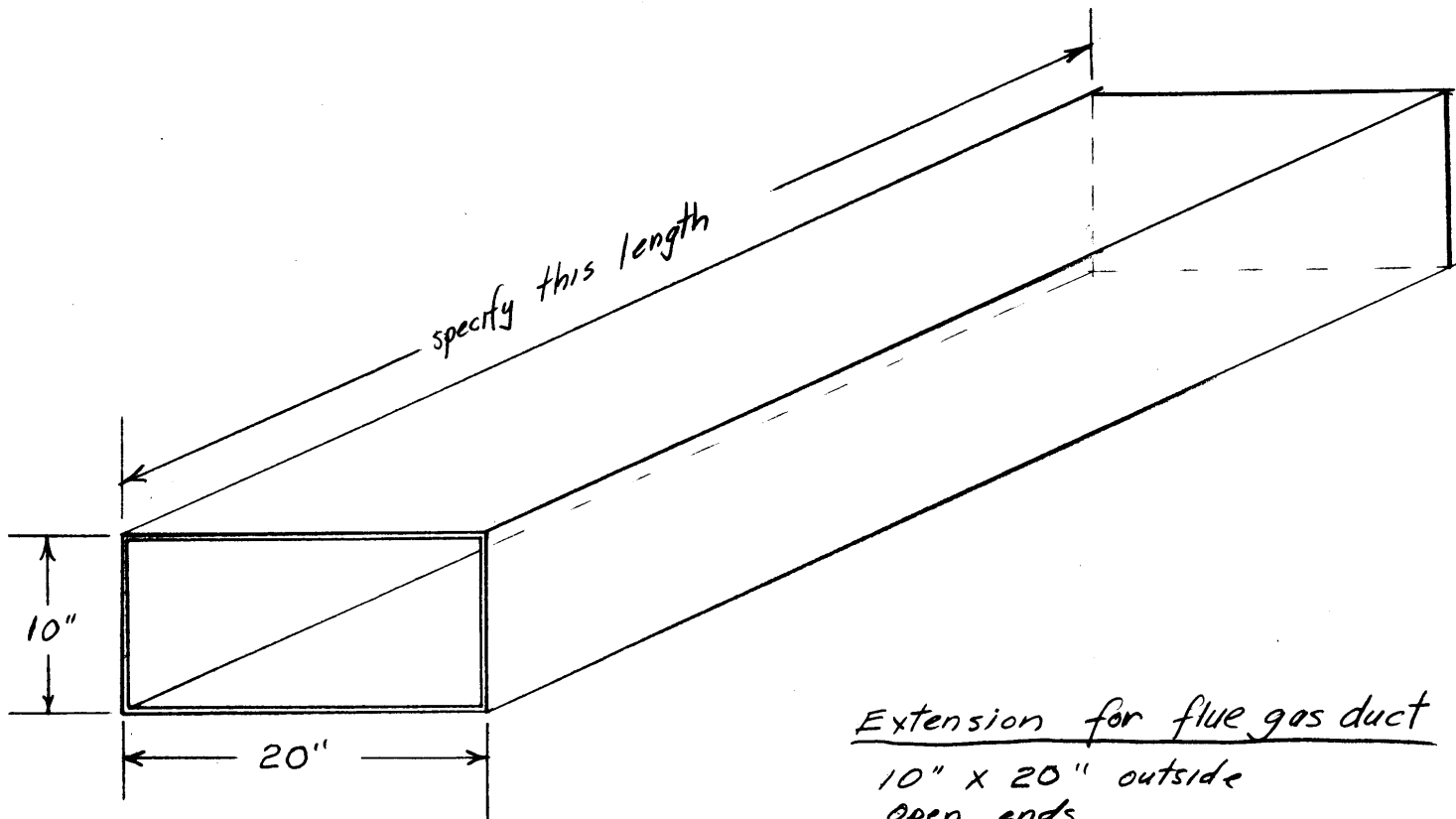
Extension for air duct  
 $8\frac{3}{8}" \times 10\frac{1}{8}"$  outside  
open ends  
Fabricate from  $\frac{1}{8}"$  mild  
steel sheet metal



Extension for air duct

$8\frac{3}{8}" \times 10\frac{1}{8}"$  outside  
open ends

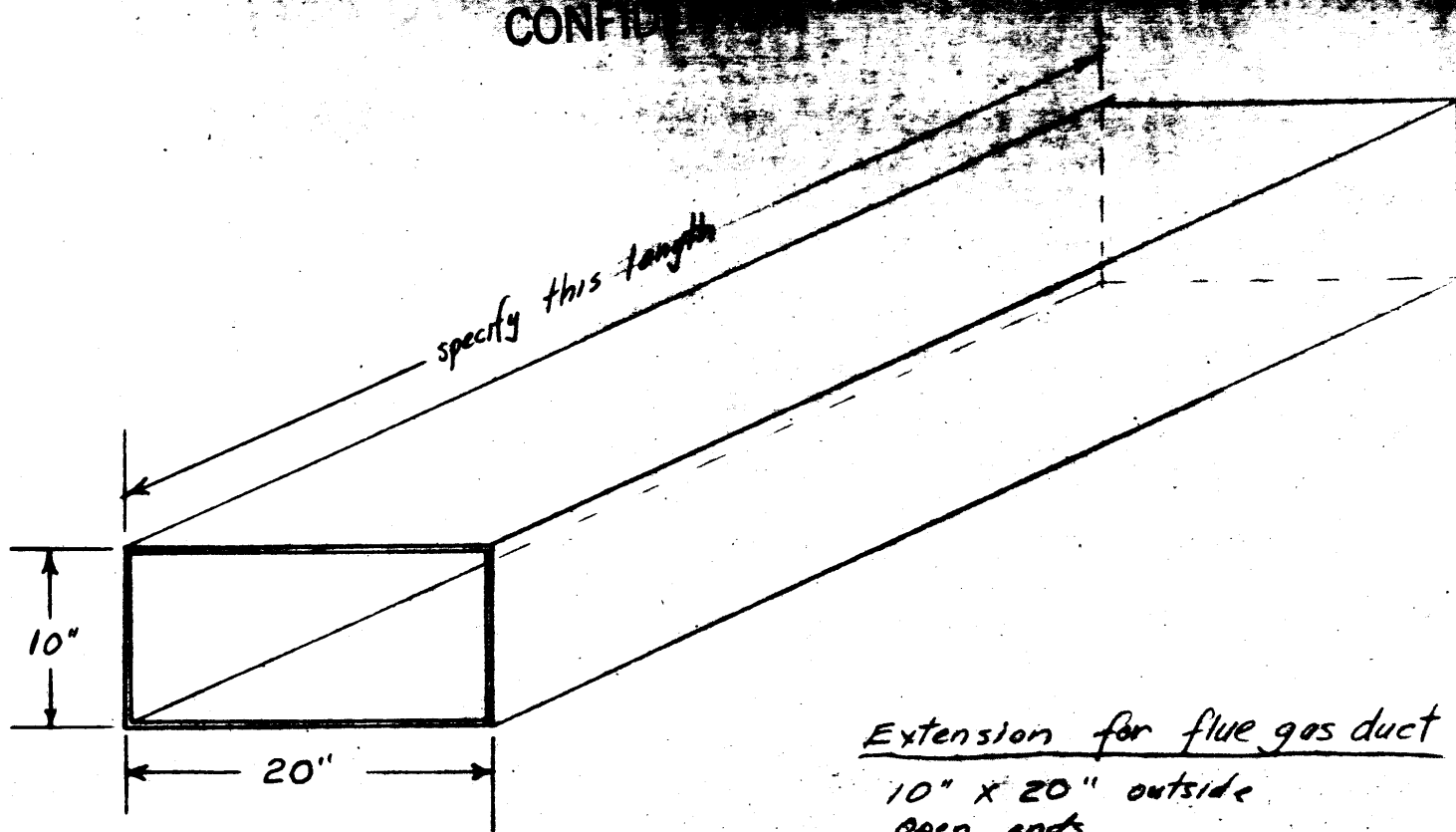
Fabricate from  $\frac{1}{8}"$  mild  
steel sheet metal



Extension for flue gas duct  
10" x 20" outside  
open ends  
Fabricate from  $\frac{1}{16}$ " mild  
steel sheet metal

Extension can be joined to existing duct  
with a band or with 4 strips of  $\frac{1}{16}$ "  
sheet metal and sheet metal screws  
if welding facilities are unavailable

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Extension for flue gas duct

10" X 20" outside

Open ends

Fabricate from  $\frac{1}{16}$ " mild  
steel sheet metal

Extension can be joined to existing duct  
with a band or with 4 strips of  $\frac{1}{16}$ "  
sheet metal and sheet metal screws  
if welding facilities are unavailable

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